TWENTY-EIGHTH ANNUAL REPORT

OF THE

Zoological and Acclimatization Society

OF VICTORIA.

AND

REPORT OF THE ANNUAL MEETING OF THE SOCIETY,

FOR THE YEAR 1891

Read at the Annual Meeting, 41 Selborne Chambers, February 15th, 1892.

"Omnus feret omnia tellus."

Gastlemaine:

W. H. NEWLANDS, PRINTER, ATLAS WORKS. 1892.





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LIST OF THE OFFICERS

OF THE

Zoological & Acclimatisation Society of Victoria

1892-93.

Patron:

HIS EXCELLENCY THE GOVERNOR.

Dresident :

C. M. OFFICER. Esq., M.P.

Pice-presidents:

F. R. GODFREY, Esq.)

PROFESSOR SPENCER. M.A.B. Sc.

Hou. Treasurer:

RONALD McLACHLAN, Esq.

Utembers of the Council:

G. W. BRUCE, Esq.

ALBERT PURCHAS, Esq.

THE HON. R. D. REID, M.L.A.

THE HON. WM. ROBERTSON.

Director !

A. A. C. LE SOUEF Esq.

CHARLES RYAN, Esq.

THE HON. ROBERT SIMSON.

A. SUTHERLAND, Esq., M.A.

J. C. TYLER, Esq.

Assistant-Director:

W. H. D. LE SOUEF, Esq.

Accountant and Librarian:

MR. E. A. LE SOUEF.

Collector:

MR. C. J. PEOWRIE.

Hon. Peterinary Burgeon:

MR. W. T. KENDALL, M.R.C.V.S.

Bailiff:

MR. FRANCIS MEAKER.

OFFICE OF THE SOCIETY: ZOOLOGICAL GARDENS.

ROYA:L PARK,



THE

Poological Acclimatisation Society of Pictoria.

Offices: Zoological Gardens, Melbourne,

REPORT OF THE COUNCIL

FOR 1891.

As read and adopted at the Annual Meeting, Monday, February 15th, 1892.

HE Council of the Zoological and Acclimatisation Society has the honor to present its Twenty-Eight Annual Report to the Subscribers.

The Council has to deplore the death of one of its oldest members, the late Mr. Frederick G. Moule, who had been connected with the Society for upwards of twenty years, he was always a regular attendant at the Council Meetings, and took a deep interest in its welfare.

The Society has continued to progress during the past year, and the Zoological Gardens have been much improved in appearance. The principal works have been the erection of a substantial and handsome brick Elephant House, with large exercising yard attached. Two commodious cages for Lions have been built,

and the large Aviary formerly used as a Parrot house has been reconstructed and converted into a beautiful natural Aviary for small song birds and finches. The back and sides of this building represent a tropical forest scene, in the centre of the Aviary is a fountain, and the whole is planted with ferns and small ornamental shrubs, the effect being exceedingly pretty, it is very much admired as the finest exhibit of its kind in the gardens; the numerous small birds fly about almost in a state of freedom, the length of the building being over sixty feet, the breadth twenty five and the height eighteen feet. All the buildings in the gardens have been artistically painted by Messrs Paterson Brothers the art decorators, and the effect produced by a proper blending of colors is very pleasing.

A number of valuable specimens have been added to the Zoological Collection from Europe, India and Africa, but the most prized and costly, a fine young Rhinoceros purchased for the Society in Calcutta has died. The animal was shipped from India in the S. S. Bancoora, which vessel was unfortunately stranded almost on the completion of her voyage near the Barwon Heads, and although the animal was ultimately landed, injuries had apparently been sustained which caused its death a short time after arrival at the gardens; this is very much to be regretted as these animals are most difficult to obtain; instructions have however been forwarded to the Society's Calcutta agent to endeavour to procure another specimen. Other Indian animals and birds are shortly expected to arrive.

As stated in last years Report a large Zoological Collection such as the Society now possesses requires constant replenishing, the death rate being invariably heavy among animals and birds kept in a state of captivity.

Although slightly increased during the past year, it is to be regretted that the number of members is still small. The public

apparently not taking the same interest in the Society's Gardens as is shown in England and all the large Continental cities where similar institutions exist, and where they are always very popular. It is more strange in such a fine climate as we possess, as the gardens afford a delightful place for Ladies and children to spend the day in, and there is much in them both to amuse and to instruct, and abundant shelter in case of either rain or great heat. This is much to be deplored as the gardens languish for want of funds, whereas if a larger income were available, they would speedily rank among the most beautiful Zoological attractions in the world. If the gardens at the Royal Park with its fine collection of animals and birds were near any of the great continental cities, its members would be numbered by thousands instead of a few hundreds. As it is, were it not for the Government Grant which is given to the Society in consideration of the free Sunday, the gates would necessarily have to be closed. The Society is managed with the utmost economy, but where a large Zoological Collection has to be maintained and kept up as well as the gardens, the expenditure must be great. The income has been slightly in excess of the previous year, and the number of tickets sold was 77.763. The attendance on Sundays has as usual been very large, about 300,000 people having availed themselves of the privilege of visiting the gardens free on that day.

The accounts have been duly audited by Messrs Langton, Holmes and McCrindle, and the balance sheet for the past year will be published in the yearly report of the Society's proceedings.

The distribution of Trout Fry from Sir Samuel Wilson's Estate, Ercildoune, has been fairly successful, upwards of 14,000 having been placed in different streams, namely—the Delatile, Jamieson, Howqua, and Tyers rivers, and in several creeks in the upper Yarra country. It may be mentioned that the Director frequently hears of the success that has attended the efforts of the Society in piscicul-

ture, only lately he has been informed that a fine trout has been caught in the Delatile, and one of nearly similar size in the Badger Creek, near Healesville, and a fine Salmon Trout was recently taken in the Tyers river in Gippsland, showing that the Fry placed in those streams in former years has succeeded. The thanks of the colony are due to Sir Samuel Wilson for placing the young trout at the disposal of the Society annually. The fish hatching establishment at Ercildoune is kept up at considerable expense, and the work of stocking the Victorian Rivers and Creeks has now been going on for many years, and every season adds to the number stocked.

The following is a list of the principal additions that have been made to the Zoological Collection during the past year, with those marked which are new to the collection:—

- 2 Carabou Reindeer (new)
- 2 Aoudads or Wild Barbary Sheep
- 1 African Spring-bok (new)
- 2 Cape of Good Hope [Fat-tailed Sheep
- 1 Mandrill Baboon
- 1 Drill Baboon (new)
- 1 Anubis Baboon
- 5 Entellus Monkeys
- 1 Ruffed Lemur
- 1 Cape Hunting Dog (new)
- 5 Silver-backed Jackals
- 1 Ocelot (new)
- 1 African Lynx
- 1 Suricate (new)

- 1 Cape Hyrax (new)
- 1 Black Walleroo
- 2 Black-faced Mallee

Kangaroos

- 1 White Asiatic Crane
- 2 European Cranes (new)
- 2 Golden Eagles (new)
- 1 Fulvus Vulture (new)
- 1 Vulture Monachus (new)
- 3 Secretary Vultures
- A varied collection of Pheasants and Partridges
- 3 Giant Tortoises from the [Seychelles (new)

The two most serious losses have been the young Rhinoceros and a young American Bison, which died on shipboard on the passage out.

A number of native animals and birds have reached the Society from time to time from up country friends, and the Council take this opportunity of thanking them for their kind interest in the gardens, and wish to point out that such gifts are always most acceptable, for if not required for the collection these specimens are valuable to exchange with other Societies. Black-faced Mallee Kangaroo Mallee Hens, and Native Turkeys or Bustards are now especially required.

The council desire to tender their warm thanks to Mr. Frederic Race Godfrey, the retiring President, and to Mr. Charles Ryan the Hon. Treasurer, for the manner in which they have discharged the duties of their respective offices. The council would also testify to the zeal, care and interest taken by the Managing and Assistant Directors, and all their Employees in the work and business of the Society, to which its successful progress is mainly attributable. And they also wish to thank Mr. W. T. Kendall, the Society's Hon. Veterinary Surgeon for his prompt attention whenever his services have been required.

In concluding this Report, the Council and the Directors desire to state that every effort will be used in the future as in the past, to render the Melbourne Zoological Gardens not only more attractive and beautiful, but to increase their value from an educational point of view, as there can be no doubt that the gardens are a most valuable help to students of natural history, and in this connection they are pleased to inform their Subscribers that Professor Spencer has kindly promised to deliver a few lecturettes on various natural history subjects, somewhat on the lines of those given at the London Zoological Gardens, and to which subscribers will be admitted free of charge. They will be commenced as soon as a suitable room can be built for the purpose.

The Chairman Mr. F. R. Godfrey moved the adoption of the Report; this motion was seconded by Professor Spencer and carried.

Mr. Godfrey then briefly reviewed the past year which had been a most satisfactory one. It was a pleasure to him to be connected with a Society which was not only well managed, but which gave so much pleasure and so much instruction to the people of the Colony. He regretted that none of the subscribers were present outside of the members of the Council; but at all events it was an acknowledgement that all were well pleased with the management. He attributed the success of the Society to the great interest and the exertions used by the Managing Director, Assistant Director, and all their Employes; and he felt sure that the Society would continue to prosper and grow in public favor.

Mr. Le Souëf the Director acknowledged the remarks made by Mr. Godfrey, and said that although it was true that he and his sons and in fact all the employes took a deep interest in the Society, yet he could not have acomplished what had been done, were it not for the hearty support he had always received from every member of the Council, and for which he felt most grateful.

The meeting then proceeded to elect office-bearers for the ensuing year, namely:—A President, two Vice-Presidents, Hon. Treasurer, and three Members of Committee. Messrs. Spencer, Bruce, and Sutherland being the three members of the Council who had attended the least number of meetings during the year, had consequently in accordance with the Rules to retire, but were eligible for re-election, and offered themselves accordingly. Mr. Sutherland had only been a short time a Member, as he was elected to fill the vacancy occasioned by the death of the late lamented Mr. Moule; and Messrs. Bruce and Spencer had both attended a number of meetings.

Mr. Godfrey moved that the retiring Members of Council be re-elected. This motion was seconded by Mr. Tyler and carried unanimously.

Mr. Purchas moved that Mr. Officer be appointed President; Mr. Godfrey and Professor Spencer Vice-Presidents; and Mr. McLachlan, Hon Treasurer. This motion was seconded by The Hon. R. Simson, and carried unanimously.

Mr. Officer returned thanks for the honor done him, and said that he would use his best efforts in the interest of the Society, in which he had always taken the greatest interest.

Mr. Tyler moved a vote of thanks to the retiring President, Mr. F. R. Godfrey, and the retiring Hon. Treasurer, Mr. Charles Ryan. This motion was seconded and carried unanimously.

In responding, Mr. Godfrey drew attention to the fact that in spite of the existing depression, the attendance was not falling off, which was a sign that the Gardens were steadily advancing in public favor. He mentioned that efforts were being made to replace the Rhinoceros and Bison, which unfortunately were lost during the year, he also noticed the satisfactory progress of pisciculture in Victoria. In conclusion he thanked the Council and Directors for the support which they had always given him during his term of office.



The Zoological and Acclimatisation Society of Victoria.

ACCOUNT OF ALL MONEYS RECEIVED AND EXPENDED BY THE DIRECTOR FROM 1ST JANUARY TO 31ST DECEMBER, 1891.

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Examined and found correct LANGTON, HOLMES & MCCRINDLE, AUDITORS.

Melbourne, 18th January, 1892.

CHAS. RYAN, HON. TREASURER.
C. M. OFFICER, MEMBER OF COUNCIL.
ALBERT A. C. LE SOUEF, DIRECTOR.

REGULATIONS

MADE BY THE COUNCIL OF THE

ZOOLOGICAL & ACCLIMATISATION SOCIETY

PURSUANT TO THE ZOOLOGICAL AND ACCLIMATISATION SOCIETY INCORPORATION ACT NO. 794, 1884, SECTION 8, AND APPROVED BY THE GOVERNOR IN COUNCIL.

- 1. Membership.—A subscriber of One guinea annually, shall be a member of the Society, and shall be entitled to a member's ticket admitting himself and one lady, or two children to the garden. A subscriber of two guineas annually shall be entitled to a family ticket to admit himself and family to the garden. And a contributor of ten guineas or upwards in one sum shall be a life member of the Society, and shall have the same privileges as the holder of a family ticket. Any person who has rendered special services to the Society, may be elected an honorary member by the Council, and shall have the same privileges as the holder of a family ticket. Members of the Council of the Society, and the Directors have power to admit visitors to the colony free of charge to the Garden.
- 2. Election of council.—At the annual meeting to be field in the month of Fehruary, 1885, nine members, comprising the whole of the elected members of the council, shall be elected by ballot, and thereafter the president, vice-presidents, and treasurer shall annually retire from office, and also three other members of council (namely those who have attended the fewest meetings of the council since their appointment) shall retire annually, but shall be eligible for re-election, subject to Regulation No. 9.
- 3. Vacancy in council, how supplied.—In the case of a vacancy occurring by the death, resignation, or non-attendance of any member of the council for a period of two months, without leave of the council, the remaining members shall, in due course, appoint another member of the society to be a member of the council in the place and stead of the member who shall so die, resign or absent himself; but such new member shall be nominated at an ordinary meeting of the council prior to the meeting at which he is elected.
- 4. Council to fill up vacancies.—In case of a vacancy occurring by the death or resignation of the president, vice-president, or honorary treasurer, the council may appoint from amongst themselves, or the other members of the society, a person to fill the vacancy so occurring, and the person elected shall hold office only until the next annual meeting but shall be eligible for re-election for the subsequent year. Provided that such vacancy shall not be filled up unless seven days notice in writing shall have been sent to each member of the council, stating the vacancies which it is proposed to fill up.

- 5. Eligibility of members of council.—No person shall be eligible as a member of conneil unless he be a subscriber to the funds of the society of at least One guinea per annum, and any member of Council whose subscription shall be in arrear for three months after his subscription is payable shall cease to be a member of Council: Provided that this rule shall not apply to persons who may have become life-members of the society, by a payment of Ten guineas, or who may be honorary members of the society, and provided also that a month's notice in writing shall be sent to the member so in arrear before his place can be filled up.
- 6. Meetings of council.—The council shall meet at least once a month, three members to form a quorum, and transact the business of the society. And the director shall have power to call a special meeting of the council whenever occasion may require.
- 7. Minutes of proceedings.—Minutes shall be made in books kept for the purpose of all proceedings at general meetings of the members, and minutes shall also be made of the proceedings of the council at their general and special meetings, and of the names of the members attending the same, and such minutes shall be open to inspection by any member of the society at all reasonable times.
- 8. Moneys to be paid to treasurer.—All subscriptions and other moneys received on account of the society shall be paid to the treasurer, or some person authorized by him, who shall place the same in a bank, to be named by the council, to the credit of the Society; and no sum shall be paid on account of the society until the same shall have been ordered by the council, and such order be duly entered in the book of the proceedings of the conneil and all cheques shall be signed by the treasurer as such, and be countersigned by the president or one of the vice-presidents, and by the director.
- 9. Annual meeting.—An annual meeting of members shall be held in the month of February in each year, and the council shall report their proceedings during the past year, and shall produce their accounts duly audited for publication; and the meeting shall elect by ballot the office-bearers for the ensuing year, and fill up any vacancy which may exist in the council: Provided that no person shall hold the office of president or vice-president for two years successively.
- 10. Medals.—No medal of the society shall be awarded to any person except by the vote of at least seven members of conneil, present at a council meeting, and after notice of motion for awarding such medal shall have been given at the next preceding meeting of the council.
- 11. Time of gardens opening and closing.—The gardens are open from half-past nine a.m. till half-past four p.m. in winter, and six p.m. in summer, except on Sundays when the gates are not opened until half-past one p.m.
- 12. Dogs not allowed in gardens.—Visitors are not allowed to bring dogs into the gardens. A penalty of Two pounds is imposed for an offence against this regulation, in addition to which the owner of any dog found in the gardens will be held responsible for any damage done by such dog.
- 13. Prohibitions.—Visitors are especially prohibited from teasing or disturbing the animals or birds; also from interrupting the workmen by conversation or otherwise; also from leaving bottles, broken glass, or crockery, paper, or litter of any kind in the gardens; from lighting any fire therein; from posting any bills on the fences, bouses, or trees; and from playing cricket, football, or other games within the gardens. A penalty of Ten shillings is imposed for an offence against this regulation.
- 14. Children, unprotected, not allowed in gardens.—Children under twelve years of age will not be allowed within the gardens unless with a parent or other adult, and if found therein may be expelled therefrom,

- 15. Prohibitions.—Walking across the shrubberies or flower borders, pulling flowers or branches from the plants, shrubs or trees; standing upon or climbing over any of the fenees, climbing trees or bird-nesting, cutting names or letters or marks of any kind, or writing on any of the seats, or trees or fenees, or any building erected for the accommodation of the public are strictly prohibited. A penalty of Ten shillings is imposed for an offenee against this regulation.
- 16. Entrance except by gate prohibited—Entering the Gardens by climbing over the fences or by any gate other than the one by which the public are admitted, or without having paid the charge for admission, or entering into those parts of the grounds which are specially closed for plantation, or other purposes, is strictly prohibited. A penalty of not less than twenty shillings is imposed, for an offence against this regulation.
- 17. Smoking prohibited.—Smoking in the summer time, at such times as may seem necessary to the directors for the safety of the gardens and the property therein, is prohibited, and at such times notices to that effect will be posted at the gates. A penalty of Five shillings is imposed for an offence against this regulation.
- 18. Expulsion on misbehavior.—Any person found in a state of intoxication, or behaving in a disorderly manner, or creating or taking part in any disturbance, or committing any act of indecency, or swearing or using bad language, or committing a breach of any of the above regulations may be forthwith removed from the gardens, and any member of the society so misbehaving shall cease to be a member.
- 19. Preaching or public harangues, whereby a crowd is collected within the gardens, or on the grounds under the control of the society, are strictly forbidden. A penalty of Five pounds is imposed for an offence against this regulation.
- 20. No person shall be permitted, without the permission of the council, to earry on any traffic whatsoever, or distribute hand bills in the gardens. A penalty of Twenty shillings is imposed for an offence against this regulation.
- 21. No musical band or other instrumental or vocal performers shall be permitted to perform in the gardens, unless with the express permission of the directors. A penalty or Two pounds is imposed for an offence against this regulation.
- 22. Charges for admission.—Admission to the gardens is free on Sundays. On Mondays non-subscribers will be admitted on payment of One shilling for each adult and Sixpence for each child under twelve years of age, but the Society shall have power to charge One Shilling for each adult and Sixpence for each child under twelve years of age on any day (Sunday excepted) that an Instrumental Concert may be given in the Gardens. On all other days of the week non-subscribers will be admitted on payment of Sixpence for each adult and Threepeuce for each child under twelve years of age. State and other schools will be admitted to the gardens on application to the director at half the usual entrance fees. Members of the society admitted free.
- 23. Repeal of pre-existing rules.—All rules and regulations of the society in force prior to its incorporation and up to the date of these regulations coming into effect are hereby repealed.

LIST OF ANIMALS

AT PRESENT LIVING IN THE GARDENS.

CLASS MAMMALIA.

ORDER I, QUADRUMANA.

Anubis Baboon	•••	Cynocephalus anubis	 Africa
Onrang-utan		Simia Satyras	 Borneo
Bonnet Monkey		Macaens sinicus	 India
Macaque Monkey		Macaens cynomolgus	 India
Pig-tailed Monkey		Macacus nemestriuns	 Java
Rhesns Monkey		Macacus rhesus	 India
Moor Macaque Monke	ey	Macacus maurus	 East Indies
Reddish Macaque Mon	ikey	Macacus rufescens	 East Indies
Chaema Baboon		Cynocephalus porcarius	 South Africa
«Yellow Baboon		Cynocephalus babouin	 West Africa
Mandrill		Cynocephalus mormon	 West Africa
Entellus Monkey		Semnopitheous Entellus	 India

ORDER II. LEMURES.

Ruffed Lemur		Lemur varius		 Madagascar
Mongoose Lemur	•••	Lemur mongoz	• • • •	 Madagascar

TTbaid 137 - 16	•••	Canis familiaris			N. America
Hybrid Wolf	•••	Canis niger & Canis		,	37 A
Common Fox		var. borealis	•••	•••	N. America
TZ* EI	•••	Capis vulpes	• • • •		British Isles
TO 3 TO		Canis velox	•••	•••	North America
T. 31 TYC 10	•••	Canis fulvus	•••	• • • •	North America
Bengal Fox	•••	Canis pallipes			India
Black-backed Jackal	• • • •	Canis bengalensis	•••	• • •	India
T) 1 1 - 337 10		Canis mesomelas Canis latrans	• • • •	•••	S. Africa
The A	•••	Charles Himmen	• • • •	• • •	N. America
Common Ferret		the same of the sa			Australia
Common Badger		75.7		•••	Europe
Raccoon	•••	Procyon lotor	•••	•••	Europe
Dagana Daga		Ursus arctos	•••	•••	North America
Himalayan Bear	•••	Ursus tibetanus	***		Nth. Europe & Asia
Dlasl- Dans		Ursus Americanus	•••	•••	Nth. India & China
Malayan Bear	***	Ursus malayanus	• • • •	•••	North America
Clast Dans					Malay Peninsula
Stoth Dear	•••	Melursus ursinus			India
	0	RDER VI. RODEN	TIA.		
Malayan Squirrel		Sciurus nigro-vittat	us		Malay Peninsula
Palm Squirrel		Sciurus palmarum			India
Grey Squirrel		Sciurus cinereus	***		N. America
Coypu		Myopotamus coypu			S. America
Crested Porcupine	•••	Hystrix cristata		***	Asia
Crested Porcupine		Hystrix cristata		• • • •	West Africa
Golden Agouti		Dasyprocta aguti		•••	Guiana
Guinea Pig		Cavia porcellus (5 y			S. America
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Cape Hyrax	O:	RDER VII. HYRA Hyrax capensis	CES.		South Africa
Cape Hyrax		Hyrax capensis			South Africa
		Hyrax capensis			South Africa
Cape Hyrax Indian Elephant		Hyrax capensis			South Africa South India
	ORD:	Hyrax capensis	CIDE	lA.	
	ORD:	Hyrax capensis	CIDE	IA. 	
Indian Elephant	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI	CIDE 	A. 	South India
Indian Elephant Burchell's Zebra	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii	CIDE LATA		South India South Africa
Indian Elephant Burchell's Zebra Zebu	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus	CIDE LATA 	 	South India South Africa India
Indian Elephant Burchell's Zebra Zebu Yak	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barchellii Bos indicus Poephagus grunnie	CIDE LATA	 	South India South Africa India Thibet
Indian Elephant Burchell's Zebra Zebu Yak Indian Buffalo	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus buffelus	CIDE CATA ns	 	South India South Africa India Thibet East Indies
Indian Elephant Burchell's Zebra Zebu Yak Iudian Buffalo Anoa	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barchellii Bos indicus Poephagus grunnie Bubalus buffelus A noa depressicorni	CIDE LATA ns s	 	South India South Africa India Thibet East Indies Celebes
Burchell's Zebra Zebu Yak Indian Buffalo Anoa Nylghaie	ORD)	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus butfelus Anoa depressicomi Boselaphus tragoca	CIDE CATA ns s unelus	 	South India South Africa India Thibet East Indies Celebes India
Indian Elephant Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus buffelus A noa depressicorni Boselaphus tragoca Antilopc cervicapra	CIDE CATA ns s unelus	 	South India South Africa India Thibet East Indies Celebes India India
Burchell's Zebra Zebu Yak Indian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barehellii Bos indicus Poephagus grunnie Bubalus bnifelus A noa depressicorni Boselaphus tragoca Antilopc cervicapra Connochetes gnu	CIDE CATA uns unelus	 	South India South Africa India Thibet East Indies Celebes India India India S. Africa
Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barchellii Bos indicus Poephagus grunnie Bubalns buffelus Anoa depressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra lúrens (var.)	CIDE CATA ns unelus	 	South India South Africa India Thibet East Indies Celebes India India S. Africa Arabia
Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barchellii Bos indicus Poephagus grunnie Bubalus bnitelus A noa dopressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra hireus (var.) Capra hireus var	CIDE CATA ns s unelus	 	South India South Africa India Thibet East Indies Celebes India India S. Africa Arabia India
Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat Angora Goat	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus buffelus Anoa depressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra hireus (var.) Capra hireus (var.) Capra hireus (var.)	CIDE CATA s unelus		South India South Africa India Thibet East Indies Celebes India India India Arabia India Turkey
Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat Angora Goat Spanish Ibex	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubahns bniffelus Anoa depressicorni Boselaphus tragoca Antilope cervicapra Connochotes gnu Capra hireus (var.) Capra hireus (var.) Capra hispanica	CIDE CATA s s unelus		South India South Africa India Thibet East Indies Celebes India India India S. Africa Arabia India Turkey Spain
Burchell's Zebra Zebu Yak Indian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat Angora Goat Spanish Ibex Fat-tailed Sheep	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barchellii Bos indicus Poephagus grunnie Bubalns buffelus Anoa depressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra hireus (var.) Capra hireus var Capra hireus (var.) Capra hispanica Ovis aries (var.)	CIDE CATA uns unelus		South India South Africa India Thibet East Indies Celebes India India India Arabia India Turkey Spain S. Africa
Burchell's Zebra Zebu Yak Indian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat Spanish Ibex Fat-tailed Sheep Syvian Sheep	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus barchellii Bos indicus Poephagus grunnie Bubalus buffelus A noa depressicorni Boselaphus tragoca Antilope cervicapra Connochœtes gnu Capra hircus (var.) Capra hircus (var.) Capra hircus (var.) Capra hispanica Ovis aries (var.) Ovis aries (var.)	CIDE CATA ns unelus		South India South Africa India Thibet East Indies Celebes India India India Arabia India Turkey Spain S. Africa Arabia Arabia
Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat Angora Goat Spanish Ibex Fat-tailed Sheep Syrian Sheep Red Deer White Deer	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus buttelus A noa depressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra hireus (var.) Capra hireus (var.) Capra hireus (var.) Capra hispanica Ovis aries (var.) Ovis aries (var.) Cervus elephus	CIDE CATA ns unelus		South India South Africa India Thibet East Indies Celebes India India India Arrica Arabia India Turkey Spain S. Africa Arabia Arabia Europe
Burchell's Zebra Zebu Yak Iudian Buffalo Nylghaie Indian Antelope Whito-tailed Gnu Syrian Goat Patna Goat Angora Goat Spanish Ibex Fat-tailed Sheep Syrian Sheep Red Deer Wapiti Deer	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus buffelus Anoa depressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra hireus (var.) Capra hireus (var.) Capra hireus (var.) Ovis aries (var.) Ovis aries (var.) Cervus elephus Cervus canadensis	CIDE CATA s unelus		South India South Africa India Thibet East Indies Celebes India India S. Africa Arabia Iudia Turkey Spain S. Africa Avabia Europe North America
Burchell's Zebra Zebu Yak Iudian Buffalo Anoa Nylghaie Indian Antelope White-tailed Gnu Syrian Goat Patna Goat Angora Goat Spanish Ibex Fat-tailed Sheep Syrian Sheep Red Deer White Deer	ORD:	Hyrax capensis ER VIII. PROBOS Elephas indicus RDER IX. UNGUI Equus burchellii Bos indicus Poephagus grunnie Bubalus buttelus A noa depressicorni Boselaphus tragoca Antilope cervicapra Connochetes gnu Capra hireus (var.) Capra hireus (var.) Capra hireus (var.) Capra hispanica Ovis aries (var.) Ovis aries (var.) Cervus elephus	CIDE CATA ns unelus		South India South Africa India Thibet East Indies Celebes India India India Arrica Arabia India Turkey Spain S. Africa Arabia Arabia Europe

Hog Deer Timor Deer Rusa Deer Molucca Deer Axis Deer Fallow Deer Huanaco		Cervi Cervi Cervi Cerv Dama	us porcir us timori us hippel us moluc us axis u vulgari u huauaco	ensis aphus censis 			 India Timor Java Molucca Islands India Europe Bolivia
Alpaca		Lama	pacos	***	***		Peru
Llama			pernana			***	Peru Favot
Camel		~	lus drom Ins bacti			• • •	Egypt Central Asia
Bactrian Camel Wild Swine	•••	Sus s		···			India
17 114 8 77 400							
	ORDE	R XII	II. MA	RSUE	PIALI	A.	
Mauge's Dasyure	***	Dasy	urus mai	igœi			Australia
Ursine Dasyure		Dasy	aras ursi	nns	***		Tasmania
Tasmanian Wolf		Thyl:	aciuns c y	rnocepl	halus		 Tasmania
Koala or native Bear		Phas	colarctus	: ciner€	BHS	• • •	Australia
Vulpine Oppossum		Phal	angista v	rulpina	l	•••	Australia
Short-eared Opossum			ingista c				Australia
Sooty Opossum	***		angista f		osa		Tasmania
Short-headed Phalange	i,		eus brev			• • •	Anstralia
 Yellow-bellied Phalang 	ger	Belid	eus flavi	venter	•••		Anstralia
Red Kangaroo			opus rufi		***	• • •	Australia
Roan Kangaroo			opus ern		8		Australia
Black Wallaroo	411		opus rob				N. Australia
Red Wallaroo	***		opus aut		18	• • •	N. Australia
Black-faced Mullee Ka	ngaroo						Southern Austral
Great Kangaroo			opus gig			* - *	Australia
Yellow-footed Rock-W	ацаву	man man in a	ogale xar			• • •	S. Australia
Bennett's Wallaby	• • •		naturus				Tasmania Wieteria
Black Wallaby	• • • •		naturus i	443 34		•••	Victoria
Red-bellicd Wallaby	***		naturus t				Tasmauia W. Australia
Short-tailed Wallaby			naturus k			••	Australia
Derbiau Wallaby	***		naturus d			• • •	Australia
Rufous Rat-Kanguroo			siprymnt			•••	Australia
Gaimard's Rat-Kangar			siprymnt			• • •	Tasmania
Commou Wombat	•••		colomys			•••	Victoria
Platyrhine Wombat Hairy-nosed Wombat			colomys				S. Australia
Ť	RDE			OTR			
Echidna Platypi			idna hyst ithorhyne		 ıradox	us	Australia Australia
		CLAS	SS A	VE	s.		
	0	RDER	I. PA	SSER	ES.		

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Chestnut-breasted Finch Paradise Whydah Bird Manyar Weaver-bird Green Finch Brambling Goldfinch Canary Linnet Yellow Hammer Yellow Hangnest Starling Indian Mynah Satin Bower Bird Anstralian Crow Sooty Crow Shrike Grey-crow Shrike White-backed Piping Crow	Donacola castaneothorax Vidua paradisea Plocens manyar Ligurinus chloris Fringilla montifringilla Carduelis elegans Serinus canarins Linota cannabina Emberiza citrinella Cassicus persicus Sturnus vulgaris Acridotheres ginginianus Ptilonorhynchus violaceus Corvus australis Strepera fuliginosa Strepera fuliginosa Strepera anaphonensis Gymnorhina leuconota		Queenslaud West Africa India Europe Europe Europe Europe Europe Europe S. America Europe India Australia Australia Australia Australia Australia Australia Australia
Black-backed Piping Crow	Gymnorhina tıbicen	•••	Australia
0	RDER II. PICARIÆ		
Laughing Kingfisher Cuviers Podargus Tawny-shouldered Podargus	Dacelo gigantea	***	Australia Australia Australia
0	RDER III. PSITTACI.		
	Cacatua leadbeateri Cacatua roseicapilla Licmetis tenuirostris Callocephalon galeatum Calopsitta novæ-hollandia Lorius domicella Palæornis torquatus Polytelis barrabandi Polytelis melanura Aprosmictus erythropteru Aprosmictus erythropteru Euphema pulchella Platycercus pennanti Platycercus pennanti Platycercus pallidiceps Platycercus semitorquatus Platycercus zonarius Ara macao Ara chloroptera Ara ararauna Chrysotis festiva Ara Maracana RDER IV. STRIGES.	s	New Britain Australia Australia Australia Australia Australia Australia Moluccas India Australia Australia Queensland Australia S. America Cent. America S. America S. America N. Brazil S. America Brazil
Barn Owl Chestnut-faced Owl	Strix delicatula Strix novæ-hollandiæ		Australia Aust. Tasmania
Virginian Eagle Owl Boobook Owl	Bubo maximus Bubo virginianus Ninox boobook		Europe N. America Anstralia

ORDER V. ACCIPITRES.

Allied Harrier		Circus assimilis		Australia
Brahminy Kite		Haliastur indus	• • •	S. Asia
Whistling Kite		Haliastur sphenurus		Australia
White-bellied Sea Eag	gle	Haliastur leucogaster		Australia
Golden Eagle		Aquila chrysaetus		Europe & N. America
Wedge-tailed Eagle	•••	Aquila audax	•••	Anstralia
White Goshawk		Astur novae hollandiae		Australia
Collared Sparrow haw	k	Accipiter torquatus		Australia
Many-zoned Hawk		Melierax polyzonus		E. Africa
Allied Goshawk		Astur approximans		Australia
Berigora Hawk		Hieracidea berigora		Australia
Allied Kite		Milvus affinus	•••	Australia
Pondicherry Vnlture		Vultur calvus		India
Cinereous Vulture	•••	Vultur monachus		Europe
Griffon Vulture		Gyps fulvus	•••	Europo
Secretary Vulture	•••	Serpentarius reptilivorus		South Africa
•		*		

ORDER VI. STEGANOPODES.

White Pelican	•••	Pelecanus onocrotalus	 N. Africa, & S. Europe
Australian Pelican		Pelecanus conspicillatus	 Australia

ORDER VII. HERODIONES.

White-fronted Heron	• • •	Ardea novæ-hollandiæ	•••	Australia
Nankeen Night-Heron	•••	Nyeticorax calcdonicus	•••	Australia
		Leptoptilos argala	•••	India
Australian Sacred Ibis	• • •	Ibis strictipennis	•••	Australia
	***	Carphibis spinicollis		Australia
Glossy Ibis		Plegadis jalcinellus		Australia

ORDER VIII. ODONTOGLOSSÆ.

European Flamingo Phœnicopterus antiquorum N. Africa and S. Europe

ORDER X ANSERES

		ORDER X.	ANSERE	S.	
Semipalmated Goose	***	Anseranas	mclanoleuc	a	Australia
Egyptian Goose		Chenalope	x ægyptiaca	ւ	Africa
Cereopsis Goosc		Cereopsis			Australia
Grey-Lag Goose		Anser cine			Europe
Chinese Goose		Anser cyg	noides		China
Brent Goose		Bernicla b			Europe
Maned Goose		Bernicla ju	ıbata		Australia
Upland Goose		Bernicla u	agellanica		Falkland Island
Mute Swan		Cygnus ol-			Europe
Black-necked Swan		Cygnus ni	gricollis		S. America
Black Swan		Cygnus ati	catus		Australia
Australian Sheldrake		Tadorna ta	idornoides –		Australia
Variegated Sheldrake		Todorna v	ariegata		New Zealand
Rnddy Sheldrake		Tadorna ca	asarca		India
Mallard		Anas bosc	as		Europe
Slender Teal		Anas punc	tata		Australia
Chestnut-breasted Tea	l	Anas Časta	anea		Australia
Black Duck	•••	Anas super			Australia
Commou Teal		Querquedn	la crecca		Europe
Gargauey Teal		Querquedu			Europe
Pintail		Datila acut	a		Europe
Wigeon		Mareca pe	nelope		Europe
Mandarin Duck		Æx galerie			China
Summer Duck	.,	Æx sponsa			N. America
		•			

ORDER XI. COLUMBÆ.

	ORDER XI. COLUMBÆ.	
Turtle Dove	Trrtur communis Columba palumbus Geopelia tranquilla Geopelia humeralis Ocyphaps lophotes Phaps chalcoptera Leucosarcia picata Phlogænas cruentata	British Isles Europe Australia Anstralia Australia Australia Australia Australia Philippine Island
	ORDER XIII. GALLINÆ.	
Californian Quail Common Pheasant Ring-necked Pheasant Gold Pheasant Amherst's Pheasant Silver Pheasant Bankiva Jungle-fowl Ostrich fowl Common Peafowl Java Peafowl Razor-billcd Curassow Prince Albert's Curassow White Guinea Fowl	Phasianus colchicus Phasianus torquatus Thaumalea picta Thanmalea amherstiæ Euplocamus nyethemerus Gallus bankiva Gallus domesticus(variety Pavo cristatus Pavo spicifer Mitua tuberosa	California Asia Minor China China China China India India India India India Surmah & Java S. America Columbia Madagascar
(ORDER XVI, FULICARIÆ	
Anstralian Rail Weka Rail Black-backed Porphyrio Indian Porphyrio	Rallus pectoralis Ocydromus australis Porphyrio melanotus Porphyrio calvus	Australia New Zealand Australia Eastern Asia
OI	RDER XVII. ALECTORIDE	is.
Australian Bustard Sarus Cranc Australian Crane Demoiselle Crane Asiatic White Crane Stanley Crane Cape Crowned Crane European Crane	Grus antigone Grus australasiana Grus virgo Grus leucogeranus Tctrapteryx paradisea Balearica chrysopelargus	Australia India Australia N. Africa Asia St Africa South Africa Europe
	RDER XVIII. LIMICOLÆ	1.
Australian Thicknee Golden Plover Wattled Pewitt	Œdienemus grallarius Charadrius orientalis	Australia Australia Australia
	ORDER XIX. GAVIÆ.	
Pacific Gull Silver Gull	7 1 11 11 11	Australia Australia
	ORDER XXV. CASUARII.	
Australian Cassowary	7) 1 11 11	Australia Australia

ORDER XXVI. STRUTHIONES.

Ostrich .		 	Struthio camelus	 	Africa
Common R	hea	 	Rhea americana	 	South America

CLASS REPTILIA.

Radiated Tortoise Long-necked Chelodine Elephantine Tortoise	EDER TESTUDINATA. Testudo radiata Chelodina longicollis Testudo elephantina		Madagascar Australia Aldabra Island Seychelles
	ORDER CROCODILIA.		N. Avetrelie and
Crocodile	Crocodilus porosus	•••	N. Australia and India
	ORDER SAURIA.		
Tuatera Lizard Lace Monitor Stumped-tailed Lizard Great Cyclodus Black and Yellow Cyclodus Australian Skink Bearded Lizard Blood Sucker	Sphenodon punctatus Varanus varius Varanus gouldi Trachydosurus rugosus Cyclodus gigas Cyclodus nigro-Inteus Hinulia australis Amphibolurus barbatus Granmatophora muricata		New Zealand Australia Australia S. Australia S. Australia Tasmania S. Australia S. Australia S. Australia S. Uictoria
	ORDER OPHIDIA.		
Indian Python Diamond Snake Carpet Snake Black Snake Copper-head Snake Tiger Snake Brown Snake Black-headed Snake	Python molurus Morclia spilotes Morclia variegata Pseudechys porphyriacus Hoplocephalus superbus Hoplocephalus curtus Diemenia superciliosa Aspidiotes melanocephalus		Southern Asia N. S. Wales Australia Australia Australia Australia Australia Queensland



DONATIONS TO THE ZOOLOGICAL COLLECTION

FOR THE YEAR ENDING 31ST DECEMBER, 1891.

Mr. Robert Hillmer .		Lonsdale Street, West	1 Whip Snake & 1 Liz-
O D II			1 Tiger Snake [ard.
		Estanor.	2 White Rats, 3 Native
77 T. CD. J	•• •••		1 Black Native Cat Cats
77		Dowhill	1 Podargus
_ 77.	••		4 Ring-necked Doves
			1 Native Bear
		Brunswick	1 Podargus
		Euroa	2 Brown Hawks
			1 White Hawk
" W. J. Thomson .		- W	1 Native Bear
			2 Allied Harriers
			1 Black Wallaby
Messrs. J. E. Ellis & Sons .			12 Opossums
Mr. H. J. Whyte		Fitzroy	1 Wallaby
Dan and the transfer			1 Eagle
Wr. m. O. J. D. J.11.		Augathella Queensland	2 Tallegallas
Commo Drott		Poowong North	2 Echidnas
" W Tonnings		North Melbourne	1 Curlew
" IT T RIAL		Barkers Road, Kew	
T W Vonl		Canning St. Nth. Melb.	
" U Woitch			1 Eagle
Master Robert J. B. Camero		incent Place Albert Park	
70 737 A T-T			4 Young Tiger Suakes
		Wellington St., Windsor	
	•••	Warrnambool	1 Platypus
	•••		6 Opossums
	•• •••		
100101111111111111111111111111111111111	•••		1 Copper hand Spoke
		3T 01.3	1 Copper-head Snake
22	•••		1 Whip Snake
_ 27	•••		1 Echidna
Mrs. Bayford			4 Ring-necked Doves, 1
			Sulphur Crested Cockatoo
Mr. J. Fleming		Brunswick	1 Peafowl
" F. G. Moule		Brighton	1 Fiji Parrot
Master E. Hurst		North Fitzroy	1 Tortoise
Mrs. Fitzgerald		Williamstown	8 White Rats
Mr. A. D. Jackson		North Melb	1 White Rat
T Final	Evening	g Standard Newspaper Co.	1 Golden Ployer
7.60 37 77		Wollert	1 Wallaby
Mr. 337 Ob b		50 Nelson Rd. S. Yarra	2 Laughing Jackasses
Mina Mallin Enmon		Princess Theatre	1 Egyptian Eagle
35 435 1 D			1 Flying Squirrel
Te: 3171117		Wattle Grove Hawthorn	1 Short-headed Belideus
3 C 17 TF TF11		Ringwood	1 Copper-head Snake
	••	"Mavis" Pilot Schooner	3 Giant Petrels
	••	Stanly St. Collingwood	
	••		1 Copper-head Snake
T T Myramov	•••	Stafford St. Abbotsford	
	•• •••		
" D. T. Harvey .	•• •••	Yarra Park E. Melb	1 macaque monkey

Mr. Le Blanc		We	lington St. Collingv	vood	l Macaque Monkey
Mrs. Jones			Malvern		1 Cingalese Monkey
Mr. Stewart			Windsor		1 Native Bear
Armstrong			N. Fitzroy		12 White Rats
Turnov			Glen Iris		1 Water Rat
" TT.31!.	***	• • • •	Hawthorn		1 Giant Petrel
Min Olin Datin	•••	• • • •	Footscray		1 Black Wallaby
Miss Olive Butlin		***	Park St. South Yarr:		
Mr. C. French		***	2.00		1 Opossum
" A. Gray	***	***			1 Slender Teal
" T. J. Gillespie		37.1	Flinders Lane		
" T. C. Fowler		Ner	son Place Williamsto	WII .	2 Manual Alica
" H. Quiney …	***	***	Mortlake		6 Marsupial Mice
" S. Dixon			Diggers Rest		1 Land Rail, 1 Porcupine
Messrs. J. E. Ellis & Sons			Nalinga		30 Young Opossums
Mr. J. F. Haynes			Victoria Parade		1 Echidna
Dr. Boulton			Collins St		1 Native Bear
Mr. T. Lewis			North Melb		1 Ferret
T H Sanderson			Carlton		1 Laughing Jackass
77 TZ 14			Home Lodge St. Hil		
// CI 173			East Kew		1 Brown Snake
77	•••		North Melb		1 Delicate Owl
" W. Alexander	***	•••	35-41-1-4		1 Sparrow Hawk
" H. Quiney			Manualin.		1 Echidna
" G. Poole	•••	***	294 Bourke St. East		1 Land Rail
" J. E. Willersdorf		• • •			1 White Hawk
" W. Turner		***	George St. Fitzroy		
"W. Smith …		• • •	Branger		2 Curlews
" A. F. Johnston		• • •	Tyne Foundry		1 Wombat
" A. Sinclair	***		Jeparit via Dimbook		1 Snake
Sir. W. J. Clarke, Bart., M	.L.C.		Melbourne		6 Pheasants
Mr. A. R. Heath			Camberwell		1 Kangaroo
F. Collins			Richmond		1 Curlew
" J W Searle			Melbourne		1 Echidna
" H Ouiney			Mortlake		4 Young Hawks
G Rodney Cherry					1 Jew Lizard
" F M Baines			Bay St. Brighton	***	1 Black Wallaby
". McNamara			Newmarket		1 Chestnut-faced Owl
75 0 11			Globe Hotel Swansto		
			Alexandra		2 Echidnas
Mr. E. P. Hammet	oton Tustin				1 Jackdaw
" The Hon. Wm. J. Win			Boort		6 Molossus Bats
" J. Murnane	•••	•••	Lonsdale St		2 White Rats
" A. Greenwood	***	• • • •			4 Black Swans
Town Council	•••		Maryborough		1 Cockatoo
Mr. E. Keating Byrne	•••		North Carlton		
" C. B. Dlwaine			Northcote		1 Echidna
"Stephens …			North Melb		16 White Mice
Master Willie Waterstrong	g	•••	Royal Park	***	1 Opossum



LIFE MEMBERS.

		Sandhurst		. £10	10	0
Armitage, George		Ballarat		. 10	10	0
Armstrong, W		Hexham		10	10	Ö
Armitage, F. W.		Duck Ponds		. 10	10	0
Adams, J. W		St. Enoch		10	10	0
		Fernihurst		. 10	10	0
		Warranuke		10	10	0
Amess Charles		William Street		. 10	10	0
				10	10	0
Austin, Hon. Sydney, M	.L.C	Geelong		. 10	10	0
Buxton, Mrs		Caulfield		. 10	10	0
Barkly, His Excellency	Sir Hy.	London		. 42	0	0
Black, Dr. Thomas .		Melbourne Clu	b	. 10	10	0
				. 10	10	0
		Sandhurst		. 10	10	0
		Collins Street	West	. 10	10	0
Bright Brothers and Co.		Flinders Lane		. 10	10	0
		Garramadda, V	Vaygunya	ah 10	10	0
		Chiltern		10	10	0
Bowen, His Excellency S	Sir Geo.	London		10	10	0
- · · · ν				10	10	0
		St. Kilda		Sei	rvice	S
		London		37	2	0
Coppin, G. S. M.L.C.		Richmond		10	10	0
Creswick, Borough Coun	cil of	Creswick		10	10	0
		Toorak		10	10	0
		Colac		10	10	0
				10	10	0
Clarke, Sir W. J. Bart		Sunbury		10	10	0
Clarke, Joseph		Toorak		10	10	0
Crichton, A		Berwick		10	10	0
Docker, F. G		Wangaratta		10	10	0
		Little Collins S	treet .	10	10	0
Davies, Hon. Sir. Matthe	ew	Toorak		10	10	0

Edols, John		Ingleston			10	10	0
Falconer, J. J		Bank of Austral	asia		20	0	0
Firebrace, R. T		England			10	10	0
Fraser, Simon, M.L.C		20 6 11			10	10	0
Fussell, R. S. A		Fou Chou (dols.	50)		11	0	10
Fleming, J. W	,	73 1 1			10	10	0
Fisher, C. B		St. Kilda			10	10	0
Godfrey, F. R		St. Kilda	• • •			vice	es
Hay, W		Boomanoomana			10	10	0
Hepburn, B		Ballarat			10	10	0
His Excellency the Ear							
Hopetoun		Melbourne			10	10	0
Howat, George		Parkville			10	10	0
Jones, Lloyd		Avenel			10	10	0
Joshua Brothers		William Street			10	10	0
Loch, His Excellency Sir	Hy. B.				10	0	0
Lange. F. C		Melbourne			10	10	0
Landells, G. J		Lahore, India			Se	rvic	es
Layard, C. P		Colombo			Ser	vice	s
Layard, E. L		Cape Town			Ser	vice	es
Lansell, G		Sandhurst			10	10	0
Learmonth, Thomas		Portland	• • •		10	10	0
Latham, E		Carlton Brewer				10	0
M'Earchen, E		Kangaroo			10	10	0
Mackenzie, John		Collins Street			10	10	0
Mackintosh, Alexander		•••	•••		10	10	0
Marshall, Captain D. S.	•••	•••			Ser	vice	es
McGill, A		•••	•••		10	10	0
McGregor, Samuel		Belfast	•••		10	10	0
McMullen, J		Union Bank			21	0	0
McPherson, J. A.	•••	Melbourne			10	10	0
McKellar, T		Melbourne			10	10	0
Municipal Council of Ball		•••			20	0	0
Murray S		men m a		•••	10	10	0
North Eastern Agriculty	iral and	Horticultural S		•••	10	10	0
Officer, C. M., The Hon	ALLEI COIICE	Toorak			10	10	0
Osmond, W. H		Stawell				10	0
		Zara, N.S.W.				vice	
Officer, W Purchas, Albert		Kew (Services)		•••	210	0	Ö
75 11 TT T)		Carngham				10	0
Russell, Hon. P Rostron, John R		Navaree			10	10	0
Rostron, John 1		Melbourne		• • • •	10	10	0
C 1 T		E. S. & A. C. B		•••	$\frac{10}{21}$	0	0
Salmon, J Sargood, Butler & Nichol		Flinders Street		•••	10	10	0
Daigood, Daniel & Michol	•••	2 2224025 602000					

Shoobridge, E	• • •		Valleyfield, Tasmania		10 10	0
Simson, J			777 7		10 10	0
Simson Hon. R.			FITS 1		10 10	0
Sloan, W. S			Fou Chou (dols. 50)		11 (10
Smith, J. V			D + 1 '		10 10	0
Stanbridge, W. E., M.	L.C.		Daylesford		10 10	0
Strachan, J			London Chartered Ban	.k	21 (0
Staughton, H	• • •		Melton		10 10	0
Staughton, S. J.			Little Collins Street W		10 10	0
Stewart, J			Emerdale, Streatham		21 - 0	0
Shaw, Thomas,			Camperdown		10 10	0
Taylor, W			Overnewton, Keilor		10 10	0
Templeton, Hugh			Fitzroy		Service	ees
Ware, Joseph			Caramut		10 10	0
Wilson & Mackinnon			Collins Street East		42 10	0
Wilson, Sir Samuel	• • •		London		10 10	0
Winter, Thomas			Winchelsea		10 10	0
The Hon. Wm. J. Winte	er Irvin	ıg,				
	M.L.C).,	Stanhope		10 10	0



ANNUAL MEMBERS.

(Collected for 1891.)

January.

Atkin, C. A.			• • •	Errol Street, North Melbourne	£1	1	0
Danks & Son				391 Bourke Street	1	1	0
Hutchison, M. I				North Carlton	$\overline{1}$	1	0
Miller, Edward				Collins Street	$\hat{1}$	$\hat{1}$	0
Pannifex, H. C.				Spencer Street	1	1	0
Messrs Sands &	McDo	ugall,	Ltd.	Collins Street	1	1	o 0
Young, R. L.				Errol St. North Melb.	$\frac{1}{2}$	$\frac{1}{2}$	0
			_	February.			U
			_				
Arnell, E. E.	• • •		• • •	Lonsdale Street	1	1	0
Black, Robert	• • •	• • •	• • •	Royal Park Terrace, Parkville	1	1	0
Daley, S	***	• • •	• • •	Lousdale Street	1	1	0
Fergie, H. P.	• • •	• • •	• • •	Chancery Lane	1	1	0
Manton, A. H.	•••	• • •	• • •	Queen Street	1	1	0
Prell, F. W. & C		• • •	• • •	9 Queen Street	1	1	0
Sanderson, & Co		• • •	•••	Queen Street	1	1	0
Stanford, T. W.				Corner Bourke & Russell Street	1	1	0
				March.			
Australian Morts	rage La	and &	;				
	Financ			William Street	2	2	0
7D T				905 TM:	$\frac{2}{2}$	2	0
Chamberlain, Ro		•••		100 100 3 - 4	$\frac{2}{1}$	1	0
Chambers & Sey		•••		Corner Collins & Swanston St.			0
Haigh Brothers		• • • •	•••	Chillian Channel	$-rac{1}{2}$	$\frac{1}{2}$	0
Ham, C. J. & T.			•••	Swanatan Street			
Lawrence & Ada		•••	•••	William Church	1	1	0
McEwan, Jas. &		-d	• • •	INI: I I CU	1	1	0
			oiotre		1	1	0
Modern Perm't				Collins St. per "Argus"	2	0	0
Virgoe, Son & C			•••	Little Collins St	2	2	0
Grice, Jas.		•••	• • •	Flinders Lane	1	1	0
Syme, & Co. D.	•••	• • •		Age Office, Collins St	1	1	0
				April.			
Beith Schiess, &	Co.			Flinders Lane	2	2	0
Box, G. H.			• • •	• • • • • • • • • • • • • • • • • • • •	1	1	0
Boyes, W				Sydney Road	1	1	0
Davis, S. P.				Palace Hotel, Flemington	1	1	0
Fitzgibbon, E. G				Town Hall, Melbourne	$\overline{2}$	2	0
Gordon, G.				39 Qucen Street	1	1	0
Hutton, W.				Flinders Lane	1	1	0
			•••	Flemington	1	î	0
,					-		

McIlwraith, J Ploos Van Amstel, W. Pratt, J. M. Robertson, Angus Sharp & Son, J Sutherland, Alexander Thomas, H Tyler, J. C Wisewould, F		Little Collins St. Collins Street Little Collins Street Toorak City Rd. South Melb. Carlton College, Sydne Chancery Lane Toorak William Street MAY.	ey Rd.	1 1 2 1 1 1 1	1 1 2 1 1 1 1 1	0 0 0 0 0 0 0 0
Ashley, E Castlemaine Brewery Co Craig, Williamson & The George, J Groom, A. C. Iliffe, J Robertson, George Robertson & Moffat Robertson, Wagner & Co Sprigg, W. G Straw & Son Tough, D Victorian Farmers Agency Wallace, Hon, J		Victoria Street St. Kil City Rd. South Melb. Elizabeth Street Sydney Rd. Brunswich Queen Street Collins Street Little Collins Street Bourke Street Oxford Chambers Bour Market St Sydney Rd Sydney Rd. Brunswich Robbs Buildings Collin 352 Collins Street June.	rke St.	1 1 2 1 1 1 1 2 1 1 1 2 1 1 2 1 2 1 2	1 1 2 1 1 1 1 2 1 1 2 1 1 2 1 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0
Daily Telegraph Ferguson & Urie Harris, Joseph M. L.A. Huddart, Parker & Co. I Law, Sonnier Madden, Dr. Pratt & Co. J. Stuart & Co. Chas. Stratford, Strettle & Co. Union Mortge. & Agency Webster & Co. George	Ltd	Royal Park Collins Street Franklin Street Toorak Collins Street Swanston Street Selborne Chambers Elizabeth Street Chancery Lane Bourke Street William Street Flinders Lane Market Street		2 1 2 2 1 1 1 2 1 1 1 1	2 1 2 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0
Grinwade, F. S Henry, Dr Keep, Edward Kernot, Professor King, King & Co. Muntly & Co. H Permewan, Wright & Co. Reynolds, S. R		July. Queens Street Flinders Lane Sydney Rd. Brunswick Lonsdale Street Sydney Road Errol St. North Melb. Queen Street Bourke Street West Sydney Road Bourke Street		1 2 1 1 2 2 1 1 2 1	$ \begin{array}{c} 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \end{array} $	0 0 0 0 0 0 0 0 0

	August.			
Anderson, Jas	Nieholson St. Fitzroy	2	2	0
Anderson, Jas James, T. R	Royal Park	2	2	0
Lee, A. & B	Bourke Street	1		0
Michaelis, Hallenstein & Co	Lonsdale Street	1	1	0
Spencer, Professor	University, Sydney Road	$\frac{2}{2}$	$\frac{2}{2}$	0
Snowden, A	William Street	$\frac{z}{2}$	$\frac{z}{2}$	0
Tangyes, Ltd	Collins Street	4	4	V
S	EPTEMBER.			ı
Bruce, G. W	Flinders Lane	2	2	0
Connell, Hogarth & Co	Flinders Street	1	1	0
Cornish, Robt	Toorak	$\frac{1}{2}$	$\frac{1}{2}$	0
Goldsborough, Mort & Co	Bourke Street	1	1	0
Hake, S	Caulfield Toorak	1	1	0
Kinnear, R. H	Market Street	1	1	ŏ
Lang, M Law, Somner	Swanston Street	1	1	0
	Flinders Lane	1	1	0
MeGee & Co Moule & Seddon	Market Street	1	1	0
New Zealand Loan & Mercantile				
[Agency Ltd.	Collins Street West	2	2	0
Osborne, Jas	Elwood	1	1	0
Paterson, Laing & Bruee	Flinders Lane	2	2	0
Simson, Hon. R	Toorak	$\frac{2}{2}$	2 2	0
Vasey, T	208 Little Flinders St	$\frac{2}{2}$	2	ő
Warr & Co	Collins St. West	4	4	
	OCTOBER.			
A'Beekett, Justiee	Law Courts	1	1	0
Bennett & Son W. R	Brunswick St. Fitzroy	1	1	0
Brunten & Co. T	Robbs Buildings Collins St.	1	$\frac{1}{2}$	0
Currie & Richards	Elizabeth Street	$\frac{2}{1}$	1	0
Gotch, J. S Godfrey, F. R	Queen Street	5	0	0
Godfrey, F. R	Alma Road St. Kilda Little Collins Street	1	1	0
Graham, Hon. Jas	Collins St. East	1	1	Ŏ
Jackson, Dr Malleson, England & Stewart	Collins St. East Queen Street	$\bar{1}$	1	0
Malleson, England & Stewart Mephan Ferguson	Leicester St. Carlton	1	1.	0
Melb. Tram'y & Omnibus Co. Ltd.	Little Collins St. West	3	3	0
Miller, Edward	Ludstone Chambers Collins St.	1	1	0
Miller, W. H	Ludstone Chambers Collins St.	1	1	0
Riehmond, James	Irving Rd. Toorak	1	0	0
Taylor, Hon. W	Collins Street	2	2	0
	November.			
Banks & Co	Flinders Lane	2	2	0
Bruehe W	Elizabeth St. North	1	1	0
Cooke, Winter Hon. S., M.L.C.	Melbourne Club	2	2	0
Glue, Jno	Barkly St. Brunswick	1	1	0

Goe, The Righd. R Jones, W. W. Nolan, Luke Sargood, Butler & Seclenmeyer, Dr Sutcliffe, R. Sutherland, Alexan	Niche	 ol 	 D	Clarendon St. East M 451 Elizabeth Street Brunswick Rd, Bruns Flinders Street Collins St. East Parkville Carlton College Park ECEMBER.	 swick 	•••	$\begin{array}{c} 1 \\ 2 \\ 1 \end{array}$	2	0
Bevan, Dr.	• • •			Royal Park		• • •	2	2	0
Clarke, Hon. Sir V	W. J.	Bart,	M.L.	C. Wellington Parade	East	Melb.	10	0	0
Down, F. A.				Collins Street			1	1	0
Irvine, J. A.				King Street			1	1	0
Maplestone, H.	• • •			Sydney Road			2	2	0
Ray, Dr				Collins Street			1	1	0
Swallow & Ariell				Queen Street				1	0
Topp, S. S.	• • •		***	Selborne Chambers		• • •	1	1	0



HONORARY MEMBERS.

Catlett, W. H., Sccretary Zoological [Gardens, Sydney.

Cleeland, J., Phillip Island

Francis, Francis, London

Gillanders and Arbuthnot, Calcutta

Grote, Arthur, Calcutta

Howitt, Ed., Melbourne

Haddon, W. F., Argus Office

Johnston, Clement, Crown Lands Office

Madden, Walter, The Hon.

Michael, Major, Madras

Minchin, R. E., Director Zoological Gardens, Adelaide

Mullick, Rajendro, Calcutta

Robinson, J. Calcutta

Syme, D., Age Office

Siddeley, W., Collins Street West

Sherrard, J. E., Melbourne

Sclater, Dr. P. L., London

Smith C.M.G., R. Murray

St. Hilliers, Geoffroy, Paris

White, J. H., William Street
Withers, George, Collins Street West
Grant, Charles Lyall, Shanghai
Consul for Austria

" Belgium

,, Brazil

.. Chili

.. Denmark

" France

" German Empire

,, Hawaii

" Italy

, Liberia

" Netherlands

.. Peru

" Portugal

.. Russia

.. Spain

., Sweden and Norway

" United States